

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP 03/50268

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 D07B1/06 B65H69/00 B23K1/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 D07B B65H B23K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4 709 542 A (F.B. KRAFFT) 1 December 1987 (1987-12-01) column 1, line 56 -column 2, line 8 column 10, line 35 - line 54; figure 1 -----	1

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

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Date of the actual completion of the International search	Date of mailing of the International search report
7 November 2003	14/11/2003
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer Goodall, C

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 4709542	A 01-12-1987	NONE	